

Appendix 5.1A



School Picnic – Part 1

A few years ago, at a school picnic, sandwiches had been distributed randomly. Each group of students had then received a number of sandwiches that they had to share equally. A survey was conducted to verify the quantity of sandwiches that each student had received. The responses are summarized in the table below.

Determine the amount of sandwiches each member of each group received and express this quantity using an improper fraction and a mixed number.

Group	Statement	Quantity of Sandwiches Received by Each Student	
		Improper Fraction	Mixed Number
1. Melanie	We received 10 sandwiches for the 6 members of our group.		
2. Amon	Each member of the group received five thirds of a sandwich.		
3. Abdul	It was delicious. There were 8 sandwiches for Jean, Peter and I.		
4. John	The 9 members of our group equally shared 15 sandwiches.		
5. Wue	Each member of our group received $3\frac{2}{3}$ sandwiches.		
6. Arthur	We divided each sandwich into 6 pieces and each member received 16 pieces.		
7. Hans	The sandwiches were divided into thirds. We each received 8 pieces.		

Did each student receive the same amount of sandwiches? Explain your answer.
